

Title (en)  
Card edge connector

Title (de)  
Kartenrandverbinder

Title (fr)  
Connecteur de bord de carte

Publication  
**EP 1986276 A3 20100714 (EN)**

Application  
**EP 08155028 A 20080423**

Priority  
JP 2007119362 A 20070427

Abstract (en)  
[origin: EP1986276A2] A card edge connector (3) includes an insulation housing (31) which receives a child board, and a pair of latch arms (33) which project from both ends of the insulation housing (31) and hold the child board and which are formed by bending metal plates. Each of the latch arms (33) includes a hold arm (331) and a support arm (333) which is formed through a folded-back portion (332) folded back outwardly, from the hold arm (331) by 180°. The support arm (333) includes a first support section (336) which extends forward from the folded-back portion (332) and which bends outwardly in front of a front edge (332a) of the folded-back portion (332). The support arm (333) also includes a second support section (337) which is separated from the first support section (336) by a long hole or slot and is connected to the first support section at a rear edge (332b) of the folded-back portion (332). The second support section (337) is bent outwardly at a location closer to the insulation housing (31) than the front edge (332a) of the folded-back portion (332). The second support section (337) is connected to the first support section (336) at a front thereof.

IPC 8 full level  
**H01R 12/16** (2006.01)

CPC (source: EP US)  
**H01R 12/83** (2013.01 - EP US); **H01R 12/88** (2013.01 - EP US)

Citation (search report)

- [AD] EP 1220359 A1 20020703 - TYCO ELECTRONICS AMP KK [JP]
- [AD] US 6126472 A 20001003 - CHOY EDMOND [US]
- [A] US 6027357 A 20000222 - HOWELL DAVID GREGORY [US], et al
- [A] US 2004053522 A1 20040318 - WANG MEI-HUI [TW]
- [A] US 6276951 B1 20010821 - CHEN LI-SEN [TW], et al
- [A] US 6176725 B1 20010123 - KOBAYASHI KATSUHIKO [JP], et al

Designated contracting state (EPC)  
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MT NL NO PL PT RO SE SI SK TR

Designated extension state (EPC)  
AL BA MK RS

DOCDB simple family (publication)  
**EP 1986276 A2 20081029; EP 1986276 A3 20100714**; CN 101295840 A 20081029; CN 101295840 B 20111221; JP 2008277124 A 20081113; JP 4852469 B2 20120111; TW M342662 U 20081011; US 2008268688 A1 20081030; US 7704090 B2 20100427

DOCDB simple family (application)  
**EP 08155028 A 20080423**; CN 200810095944 A 20080425; JP 2007119362 A 20070427; TW 97204100 U 20080311; US 10543208 A 20080418